

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5427-05

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California Type Evaluation Program
Certificate of Approval
For Weighing and Measuring Devices

For:

Console Controller
Propane Vehicle Tank Meter (VTM) Controller System
Model: MobilTec Energy Delivery System (MEDS)

Submitted by:

MobilTec Incorporated
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Standard Features and Options

- Transmits delivery information to the office
- Price computing
- Records customer ID and delivery

Minimum system requirements: MEDS Software Version 1.1 or Higher
Touch screen monitor
Receipt printer

Operating System: Windows CE
Application Software: Mobile Energy Delivery System (MEDS)
Hardware: CEHawk Vehicle Logic Unit (VLU) computer

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: February 22, 2005



Mike Cleary, Director

MoblTec Incorporated
Console Controller
Model: MoblTec Energy Delivery System (MEDS)

Application: Approved for use in capturing information pertaining to the delivery of propane from a delivery company to its customer's propane tanks. The system may be used with an NTEP certified compatible VTM equipped with propane metering and indicating equipment.

Identification: The model number and version number are displayed across the top of the "version" page which can be accessed from the main page screen. (See photos at the bottom of this page.) In addition, the identification information will be marked on the CEHawk Vehicle Logic Unit (VLU) computer located in the cab of the vehicle.

Sealing: The MEDS system has no parameters which require the use of a security seal and is password protected by a source code retained by the manufacturer. Required sealing is provided by the approved and compatible measuring and indicating elements.

Operation: The system software is a component that accesses the Vehicles and Gateway (Propane Company) databases to help the driver make propane deliveries. The MEDS system also serves as an interface for exchanging information with a "Back Office System". The information that can be accessed includes but is not limited to customer information, products, price, tanks and location. The system does calculate price. The volume is obtained from the deliveries indicated on the register.

Test Conditions: The Model MEDS system was submitted for laboratory evaluation with a pulse simulator and a electronic meter register head (Veeder-Root Model 8456). The emphasis of the evaluation was on the performance of the controller, delivery display information, metrological manipulation, printed information, marking requirements, and interaction with the register head.

Results of the evaluation indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2004 Edition.

Tested By: R. Norman Ingram (CA)

